

THAT WHICH IS CLAIMED:

1. A method of fabricating a sleeve for joining and sealing conduits,
comprising:
 - 5 providing a sleeve core having an inner surface and an outer surface;
positioning an uncured elastomer-coated fabric on the inner surface
and the outer surface of the sleeve core, such that portions of the fabric extend
beyond the sleeve core;
placing a porous material between the fabric portions that extend
10 beyond the sleeve core;
curing the fabric to the sleeve core;
removing the porous material; and
bonding the fabric portions that extend beyond the sleeve core.
- 15 2. The method of claim 1, further comprising positioning a band of
uncured elastomer-coated fabric over the uncured elastomer-coated fabric
positioned on the outer surface of the sleeve core prior to curing the fabric to
the sleeve core.
- 20 3. The method of claim 1, wherein positioning uncured elastomer-coated
fabric comprises positioning silicone coated fabric.
- 25 4. The method of claim 1, wherein placing the porous material comprises
placing a breather material and a release film between the fabric portions that
extend beyond the sleeve core, and wherein removing the porous material
comprises removing the breather material and the release film.